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ATTORNEY'S DOCKET NO.: S1022.80250US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gajinder Singh PANESAR  
Serial No: 09/340,776 Patent No. 6,904,398 B1  
Filed: June 28, 1999 Issued: June 7, 2005  
For: DESIGN OF AN APPLICATION SPECIFIC PROCESSOR (ASP)

Examiner: Thai Phan  
Art Unit: 2123 Confirmation No.: 4340

ATTN: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
JUN 17 2005  
of Correction

Sir/Madam:

Transmitted herewith for filing is/are the following document(s):

- ☒ Request for Certificate of Correction
- ☒ Copies of: Pages 17, 23 and 24 of Apl as filed and Cols. 9, 13 and 14 of U.S. 6,904,398
- ☒ PTO Form SB/44
- ☒ Return Post Card

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617) 646-8000, Boston, Massachusetts.

No check is enclosed. If it is determined that a fee is necessary, the fee may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Certificate of Correction Branch, Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 on the 10<sup>th</sup> day of June, 2005.

Attorney Docket No.: S1022.80250US00  
**XNDD**

Respectfully submitted,

*Gajinder Singh Panesar, Applicant*

By

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JUN 20 2005



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Attorney Docket No.: S1022.80250US00  
**XNDD**

Respectfully submitted,

*Gajinder Singh Panesar, Applicant*

By

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DOCKET NO.: S1022.80628US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Luc WUIDART  
Serial No.: 09/853,890 Patent No. 6,904,398 B2  
Filed: May 11, 2001 Issued: April 12, 2005  
For: EVALUATION OF THE NUMBER OF ELECTROMAGNETIC  
TRANSPONDERS IN THE FIELD OF A READER

Examiner: Brian A. Zimmerman  
Art Unit: 2635 Confirmation No.: 6158

ATTN: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION**

Sir/Madam:

Patentee respectfully requests the correction of an error found in the above-captioned patent. Specifically, there are errors in Annexe 1, 9, 10, and 12 of U.S. Patent No. 6,897,133 B2.

In ANNEXE 1, column 9, lines 26-27 read as shown below:

AttributeFunctionComment ::= {OpenCStyleCommentToken> Func-  
tionSpecifier <CloseCStyleCom-  
mentToken>

(Emphasis added)

The same text, found on page 17, lines 24-25 appear as shown below:

AttributeFunctionComment ::= <OpenCStyleCommentToken> Func-  
tionSpecifier <CloseCStyleCom-  
mentToken>

(Emphasis added)

In ANNEXE 9, column 13, lines 49-50 read as shown below:

UST20WORD ValueInBasepagePtr {BASEPAGEPTR \*Register}  
[

(Emphasis added)

The same text, found on page 23, lines 19-20 appear as shown below:

```
UST20WORD ValueInBasepagePtr {BASEPAGEPTR *Register}  
{
```

(Emphasis added)

In ANNEXE 10, column 14, lines 9-11 read as shown below:

```
RegisterDereferenceAssignment ::= RegisterDereference <EqualsToken>  
                                AttributeIdentifierName <SemicoloTo-  
                                ken> <CarriageReturnToken>
```

(Emphasis added)

The same text, found on page 23, lines 35-37 appear as shown below:

```
RegisterDereferenceAssignment ::= RegisterDereference <EqualsToken>  
                                AttributeIdentifierName <SemicolonTo-  
                                ken> <CarriageReturnToken>
```

(Emphasis added)

In ANNEXE 12, column 14, lines 46-47 read as shown below:

```
CastToUWordDataType ::= <OpeUBracketToken> UWordtype  
                        <CloseBracketToken>
```

(Emphasis added)

The same text, found on page 24, lines 19-20 appear as shown below:

```
CastToUWordDataType ::= <OpenBracketToken> UWordtype  
                        <CloseBracketToken>
```

(Emphasis added)

There were no amendments by the Examiner or by Applicant making any of the above changes to the specification.

Serial No.: 09/340,776  
Confirmation No.: 4340

- 3 -

Art Unit: 2128

Support for the requested corrections can be found in the enclosed, highlighted copies pages 17, 23 and 24 of the application as filed. Also enclosed is a copy of columns 9, 13, 14 of US Patent No. 6,904,398 and PTO form SB/44.

The corrections requested do not involve change in the patent that constitutes new matter or would require reexamination. Therefore, it is respectfully requested that the corrections be made and that a Certificate of Correction be issued.

Patentees respectfully submit that, since the errors for which a Certificate of Correction is sought was the result of Patent Office mistake, no fee is due. However, if the Examiner deems a fee necessary, the fee may be charged to the account of the undersigned, Deposit Account No. 23/2825.

Should any questions arise concerning the foregoing, please contact the undersigned at the telephone number listed below.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Certificate of Correction Branch, Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 on the 10<sup>th</sup> day of June, 2005.



Attorney Docket No.: S1022.80672US00  
**XNDD**

Respectfully submitted,

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JUN 20 2005

-continued

## ANNEXE 1

```

InputFile ::= Typedefs
Typedefs ::= Typedef {Typedef}
Typedef ::= <TypedefToken> <StructToken> TypedefStructureName
TypedefBody
TypedefBody ::= <OpenBraceToken> AttributeDefinitions
               <ClosingBraceToken> TypedefIdentifierName
               <SemicolonToken>
AttributeDefinitions ::= AttributeDefinition {AttributeDefinition}
AttributeDefinition ::= AttributeType AttributeIdentifierName
                     {<colonToken> AttributeTypeBitSize}
                     <SemicolonToken> {AttributeCommentsField}
AttributeType ::= ValidAttributeType
AttributeCommentsField ::= {AttributeReadWriteComment} AttributeFunctionComments
ValidAttributeType ::= BoolType | UInt32Type | St20wordType |
                     Ust20wordType | ByteType | UByteType |
                     Int16Type | UInt16Type | UWordType |
                     WordType | {OtherType}
AttributeReadWriteComment ::= <OpenCStyleCommentToken> ReadWriteSelector <CloseStyleCommentToken>
ReadWriteSelector ::= ReadSelect | WriteSelect | ReadWriteSelect
AttributeFunctionComments ::= AttributeFunctionComment {AttributeFunctionComment}
AttributeFunctionComment ::= {OpenCStyleCommentToken} FunctionSpecifier <CloseCStyleCommentToken>

BoolType ::= BOOL
UInt32Type ::= UINT32
St20wordType ::= ST20WORD
Ust20wordType ::= UST20WORD
ByteType ::= BYTE
UByteType ::= UBYTE
Int16Type ::= INT16
UInt16Type ::= UINT16
UWordType ::= UWORD
WordType ::= WORD
CloseCStyleCommentToken ::= /*
OpenCStyleCommentToken ::= /*
SemicolonToken ::= ;
ColonToken ::= :

```

## ANNEXE 2

```

typedef struct Basepageptrs {
    UST20WORD Value;
} BASEPAGEPTR;

```

## ANNEXE 3

```

typedef struct SegmentationControls {
    Bool StartSegmentation : 1;
    BOOL EnablePacingEngine : 1;
    BOOL EnablePacingClock : 1;
    BOOL IdleCellGeneration : 1;
} SEGMENTATIONCONTROL;

```

## ANNEXE 4

```

ReadFunction ::= ReturnType ReadFunctionName ParameterList
FunctionDeclaration
ReturnType ::= Ust20wordType
ReadFunctionName ::= ReadFromToken TypedefStructureName

```

## ANNEXE 4

```

5 ParameterList ::= <OpenBracketToken> Int32Type AddressToken<
                  CommaToken> CharType StarDataToken
                  <CommaToken> Int32Type
                  NumberOfBytesToken <CommaToken>
                  Int32Type CycleToken
                  <CommaToken> TypedefIdentifierName
10 <StarToken> ParameterIdentifierName<CloseBracketToken>
FunctionDeclaration ::= <OpenBraceToken> FunctionBody <ClosingBraceToken>
FunctionBody ::= PsuedoRegisterDeclaration PsuedoRegisterInitialisation
                PsuedoRegisterAssignment TransferWordToTransputerInvocation ReturnStatement
15 PsuedoRegisterDeclaration ::= Ust20type PsuedoRegisterToken <SemicolonToken> <CarriageReturnToken>
PsuedoRegisterInitialisation ::= PsuedoRegisterToken <EqualsToken>
                                ZeroToken <SemicolonToken> <CarriageReturnToken>
20 PsuedoRegisterAssignment ::= AttributesToRegisterAssignments
AttributesToRegisterAssignments ::= AttributesToRegisterAssignment
                                {AttributesToRegisterAssignment}
AttributesToRegisterAssignment ::= PsuedoRegister <BitOfToken>
                                AttributeDereferenceAndShift <SemicolonToken>
                                <CarriageReturnToken>
25 AttributeDereferenceAndShift ::= <OpenBracketToken> <OpenBracketToken>
                                <OpenBracketToken> CastToUst20DataType
                                <CloseBracketToken> <OpenBracketToken>
                                AttributeDereference <CloseBracketToken>
                                <CloseBracketToken> <ShiftUpToken>
                                AttributeInRegisterBitsShift
30 <CloseBracketToken> <BitAndToken>
                                AttributeInRegisterBits <CloseBracketToken>
CastToUst20DataType ::= <OpenBracketToken> Ust20type
                       <CloseBracketToken>
35 AttributeDereference ::= ParameterIdentifierName<ArrowToken>AttributeIdentifierName
TransferWordToTransputerInvocation ::= TransferWordToTransputerToken
                                     TransferWordToTransputerInvocationParameterList
                                     <SemicolonToken>
                                     <CarriageReturnToken>
40 TransferWordToTransputerInvocationParameterList ::= <OpenBracketToken>
                                     TransferWordToTransputerInvocationParameters
                                     <CloseBracketToken>
45 TransferWordToTransputerInvocationParameters ::= DataToken<CommaToken>AddressOffPseudoRegisterToken
ReturnStatement ::= ReturnToken CastToUst20DataType
                  NumberOfBytesToken
50 <SemicolonToken>
                  <CarriageReturnToken>

```

## ANNEXE 5

```

#define SEGMENTATIONCONTROLSTARTSEGMENTATIONBIT 0x1
#define SEGMENTATIONCONTROLENABLEPACINGENGINEBIT
0x2
60 #define SEGMENTATIONCONTROLENABLEPACINGCLOCKBIT 0x4
#define SEGMENTATIONCONTROLIDLECELLGENERATIONBIT
0x8
#define SEGMENTATIONCONTROLSTARTSEGMENTATIONSHIFT
0x0
#define SEGMENTATIONCONTROLENABLEPACINGENGINESHIFT
0x1
65 #define SEGMENTATIONCONTROLENABLEPACINGCLOCKSHIFT
0x2

```

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-continued

## ANNEXE 7

```

SEGMENTATIONCON-
TROLLENABLEPAC-
INGENGINESHIFT} ;
SegmentationControlRegister->EnablePacingClock = {BOOL}
{ {PseudoRegister &
SEGMENTATIONCON-
TROLLENABLEPAC-
INGCLOCKBIT} >>
SEGMENTATIONCON-
TROLLENABLEPAC-
INGCLOCKSHIFT} ;
SegmentationControlRegister->IdleCellGeneration = {BOOL}
{ {PseudoRegister &
SEGMENTATIONCON-
TROLCONTROLID-
LECELLGENERA-
TIONBIT} >>
SEGMENTATIONCON-
TROLCONTROLID-
LECELLGENERA-
TIONSHIFT} ;
}

```

## ANNEXE 8

```

QueryFunction ::= ReturnType QueryFunctionName ParameterList Func-
tionDeclaration
ReturnType ::= AttributeType
QueryFunctionName ::= AttributeIdentifierName InToken TypedefStruc-
tureName
ParameterList ::= <OpenBracketToken> TypedefIdentifierName <Star-
Token> ParameterIdentifierName <CloseBrac-
ketToken>
FunctionDeclaration ::= <OpenBracketToken> FunctionBody <Clos-
ingBracketToken>
FunctionBody ::= ReturnStatement
ReturnStatement ::= ReturnToken RegisterDereference
RegisterDereference ::= ParameterIdentifierName <DashArrow>Attri-
buteIdentifierName <SemicolonToken>
TypedefStructureName ::= The name given to the structure of the type-
def

```

## ANNEXE 9

```

UST20WORD ValueInBasepagePtr {BASEPAGEPTR *Register}
{
    return Register->Value ;
}

```

## ANNEXE 10

```

SetFunction ::= SetReturnType SetFunctionName SetParameterList Set-
FunctionDeclaration
SetReturnType ::= VoidType
SetFunctionName ::= SetToken AttributeIdentifierName InToken Type-
defStructureName
SetParameterList ::= <OpenBracketToken> TypedefIdentifierName
<StarToken> ParameterIdentifierName
AttributeType ValueIdentifierName
<CloseBracketToken>
SetFunctionDeclaration ::= <OpenBracketToken> SetFunctionBody
<ClosingBracketToken>

```

14

-continued

## ANNEXE 10

```

SetFunctionBody ::= RegisterDereferenceAssignment
RegisterDereferenceAssignment ::= RegisterDereference <EqualsToken>
AttributeIdentifierName <SemicoloTo-
ken> <CarriageReturnToken>
RegisterDereference ::= ParameterIdentifierName <ArrowToken>Attri-
buteIdentifierName <EqualsToken>
ValueIdentifierName

```

## ANNEXE 11

```

void SetValueInBasepagePtr {BASEPAGEPTR *Pointer, UST20WORD
AnyName}
25 {
    Pointer->Value = AnyName ;
}

```

## ANNEXE 12

```

35 ReadFunction ::= ReturnType ReadFunctionName ParameterList
FunctionDeclaration
ReturnType ::= UWordType
ReadFunctionName ::= ReadFromToken TypedefStructureName
ParameterList ::= <OpenBracketToken> VolatileToken TypedefIdentifi-
erName StarToken ParameterIdentifierName
<CloseBracketToken>
40 FunctionDeclaration ::= <OpenBracketToken> FunctionBody <Closing-
BracketToken>
FunctionBody ::= ReturnStatement
ReturnStatement ::= ReturnToken CastToUWordDataType RegisterDere-
ference
45 CastToUWordDataType ::= <OpenBracketToken> UWordtype
<CloseBracketToken>
RegisterDereference ::= ParameterIdentifierName <ArrowToken>Attri-
buteIdentifierName <SemicolonToken>
50 <CarriageReturnToken>

```

## ANNEXE 13

```

#define SEGMENTATIONCONTROLSTARTSEGMENTATIONBIT 0x1
#define SEGMENTATIONCONTROLLENABLEPACINGENGINEBIT
0x2
60 #define SEGMENTATIONCONTROLLENABLEPACINGCLOCKIT 0x4
#define SEGMENTATIONCONTROLIDLECELLGENERATIONBIT
0x8
UWORD ReadFromSegmentationControl {volatile SEGMENTATION-
CONTROL*Pointer}
{
    return {UWORD} Pointer->Value ;
65 }

```

ANNEXE 1

```

InputFile ::= Typedefs
Typedefs ::= Typedef (Typedef)
Typedef ::= <TypedefToken> <StructToken> TypedefStructureName TypedefBody
TypedefBody ::= <OpenBraceToken> AttributeDefinitions <ClosingBraceToken> TypedefIdentifierName <SemiColonToken>
AttributeDefinitions ::= AttributeDefinition (AttributeDefinition)
AttributeDefinition ::= AttributeType AttributeIdentifierName
                        {<ColonToken> AttributeTypeBitSize} <SemiColonToken> {AttributeCommentsField}
AttributeType ::= ValidAttributeType
AttributeCommentsField ::= {AttributeReadWriteComment} AttributeFunctionComments
ValidAttributeType ::= BoolType | UInt32Type | St20wordType |
                        Ust20wordType | ByteType | UByteType |
                        Int16Type | UInt16Type | UWordType | WordType |
                        {OtherType}
AttributeReadWriteComment ::= <OpenCStyleCommentToken> ReadWriteSelector <CloseCStyleCommentToken>
ReadWriteSelector ::= ReadSelect | WriteSelect | ReadWriteSelect
AttributeFunctionComments ::= AttributeFunctionComment (AttributeFunctionComment)
AttributeFunctionComment ::= <OpenCStyleCommentToken> FunctionSpecifier <CloseCStyleCommentToken>
BoolType ::= BOOL
UInt32Type ::= UINT32
St20wordType ::= ST20WORD
Ust20wordType ::= UST20WORD
ByteType ::= BYTE
UByteType ::= UBYTE
Int16Type ::= INT16
UInt16Type ::= UINT16
UWordType ::= UWORD
WordType ::= WORD
CloseCStyleCommentToken ::= */
OpenCStyleCommentToken ::= /*
SemiColonToken ::= ;
ColonToken ::= :

```



ANNEXE 8

QueryFunction ::= ReturnType QueryFunctionName ParameterList Func-  
 tionDeclaration  
 ReturnType ::= AttributeType  
 QueryFunctionName ::= AttributeIdentifierName InToken TypedefStruc-  
 tureName  
 ParameterList ::= <OpenBracketToken> TypedefIdentifierName <StarTo-  
 ken> ParameterIdentifierName <CloseBracketToken>  
 FunctionDeclaration ::= <OpenBraceToken> FunctionBody <ClosingBrace-  
 Token>  
 FunctionBody ::= ReturnStatement  
 ReturnStatement ::= ReturnToken RegisterDereference  
 RegisterDereference ::= ParameterIdentifierName<DashArrow>AttributeI-  
 dentifierName <SemicolonToken> <CarriageRe-  
 turnToken>  
 TypedefStructureName ::= The name given to the structure of the type-  
 def

ANNEXE 9

```

UST20WORD ValueInBasepagePtr (BASEPAGEPTR *Register)
{
    return Register->Value ;
}
  
```

ANNEXE 10

SetFunction ::= SetReturnType SetFunctionName SetParameterList Set-  
 FunctionDeclaration  
 SetReturnType ::= VoidType  
 SetFunctionName ::= := SetToken AttributeIdentifierName InToken Typede-  
 fStructureName  
 SetParameterList ::= <OpenBracketToken> TypedefIdentifierName <Star-  
 Token> ParameterIdentifierName AttributeType Val-  
 ueIdentifierName <CloseBracketToken>  
 SetFunctionDeclaration ::= <OpenBraceToken> SetFunctionBody <Closing-  
 BraceToken>  
 SetFunctionBody ::= RegisterDereferenceAssignment  
 RegisterDereferenceAssignment ::= RegisterDereference <EqualsToken>  
 AttributeIdentifierName <SemicolonTo-  
 ken> <CarriageReturnToken>  
 RegisterDereference ::= ParameterIdentifierName<ArrowToken>Attrib-  
 uteIdentifierName <EqualsToken> ValueI-  
 dentifierName

ANNEXE 11

```

void SetValueInBasepagePtr (BASEPAGEPTR *Pointer, UST20WORD AnyName)
{
    Pointer->Value = AnyName ;
}

```

ANNEXE 12

```

ReadFunction ::= ReturnToken ReadFunctionName ParameterList Function-
Declaration
ReturnType ::= UWordType
ReadFunctionName ::= ReadFromToken TypedefStructureName
ParameterList ::= <OpenBracketToken> VolatileToken TypedefIdentifi-
erName StartToken ParameterIdentifierName <Close-
BracketToken>
FunctionDeclaration ::= <OpenBraceToken> FunctionBody <ClosingBrace-
Token>
FunctionBody ::= ReturnStatement
ReturnStatement ::= ReturnToken CastToUWordDataType RegisterDerefer-
ence
CastToUWordDataType ::= <OpenBracketToken> UWordtype <CloseBracketTo-
ken>
RegisterDereference ::= ParameterIdentifierName<ArrowToken>Attrib-
uteIdentifierName <SemicolonToken> <Car-
riageReturnToken>

```

ANNEXE 13

```

#define SEGMENTATIONCONTROLSTARTSEGMENTATIONBIT 0x1
#define SEGMENTATIONCONTROLENABLEPACINGENGINEBIT 0x2
#define SEGMENTATIONCONTROLENABLEPACINGCLOCKIT 0x4
#define SEGMENTATIONCONTROLIDLECELLGENERATIONBIT 0x8
UWORD ReadFromSegmentationControl (volatile SEGMENTATIONCONTROL
*Pointer)
{
    return (UWORD) Pointer->Value ;
}

```

JUN 20 2005

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,904,398 B1  
DATED : June 7, 2005  
INVENTOR(S) : Gajinder Singh Panesar

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 9, line 25 should read:  
AttributeFunctionComment ::= <OpenCStyleCommentToken> Func-

Col. 13, line 50 should read:  
{

Col. 14, line 9 should read:  
AttributeIdentifierName <SemicolonTo-

Col. 14, line 46 should read:  
CastToUWordDataType ::= <OpenBracketToken> UWordtype

MAILING ADDRESS OF SENDER

PATENT NO. 6,904,398

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JUN 20 2005